

AppleCAT™ SE is a troubleshooting program that uses a known-good Macintosh to test a faulty system. The two systems are connected by their communication ports. The known-good Macintosh, or test station, can be a Macintosh Plus, SE, or II.

Using AppleCAT SE, the test station downloads tests to the faulty Macintosh SE. The results of each test are returned to the test station and displayed on the screen.

The following items are needed to run AppleCAT SE for the Macintosh SE:

- o Macintosh SE (unit under test or UUT)
- o Known-good Macintosh Plus, SE, or II (test station)
- o AppleCAT SE disk
- o Programmer's switch
- o Peripheral cable (for communications)
- o SCSI loopback card
- o Serial loopback plug
- o Torx Screwdriver
- o Macintosh take-apart tool
- o CRT discharge tool
- o Voltage test cable
- o Digital multimeter
- o Macintosh SE Technical Procedures
- o MacTest™ SE disk (version 2.0 or higher)

To Set Up the Equipment:

1. Place the Macintosh SE (UUT) next to the test station.
2. Connect AC power to the test station and to the Macintosh SE.
3. Connect the peripheral cable to the modem ports of the test station and the UUT.

NOTE: The type of connector will vary, depending on which Macintosh test station you use.

Configuration of the UUT:

1. Verify that the programmer's switch is installed.
2. Connect the SCSI loopback card to the SCSI port.
3. Connect the serial loopback plug to the printer port.

To establish communication:

1. Insert the AppleCAT SE disk in the Macintosh test station and power on.
2. Open the disk icon and then the AppleCAT SE icon.
3. Eject all disks on the UUT. Power on the UUT. Wait 9-22 seconds, depending on memory configuration. Press the UUT's interrupt switch to enter interrupt mode.
4. Click the Start button on the test station screen. The status line will inform you when communication has been established.